

LOUIS STOKES VA MEDICAL CENTER, CLEVELAND											
STEAM TRAP MONITORING SYSTEM, INSULATION AND PIPING UPGRADES											
STEAM TRAPING NO.	LOCATION	TRAP DRAWING REFERENCE NO.	AREA	TRAP TYPE	ELEV. AFF.	TRAP MODEL, MFG. & PIPE SIZE	P IN	EQUIPMENT SERVED	COND	REMARKS	
371	BASINMENT NEXT TO SHELL SPACE LABORATORY #6-16 EQUIPMENT ROOM	3-B-1	1	B	11	3/4" SPRAXX FT-15	10	STEAM MAIN DRP	CO	STEAM TRAP IS OK. (NEW TRAP) WHEN WORK, REPAIR STEAM TRAP WITH SPRAXX #8004 REPAIR KIT. INSPECTED 8/7/12.	X
372	BOILER ROOM FUEL TANK ROOM UNIT HEATER SOUTH OF TANK #2	3-B-1	1	F	14	3/4" SPRAXX FT-30	10M	UNIT HEATER	CP	STEAM TRAP IS COOLD. SHOULD BE HOT (NEW TRAP). INSPECT CONTROL VALVE. IF REQUIRED, REPAIR STEAM TRAP WITH TUNSTALL #FFPSA-30 FACE PLATE REPAIR KIT. ELEVATED CONDENSATE 4F. NO VACUUM BREAKER WITH MODULATED CONTROL. SHOULD INSTALL TUNSTALL VB343 STEAM SERVICE VACUUM BREAKER AT COIL OUTLET. INSPECTED 8/7/12.	X
373	BOILER ROOM FUEL TANK ROOM UNIT HEATER NORTH OF TANK #2 N.E. CORNER	3-B-1	1	F	14	3/4" SPRAXX FT-30	10M	UNIT HEATER	OK	STEAM TRAP OK. WHEN WORK, REPAIR STEAM TRAP WITH TUNSTALL #FFPSA-30 FACE PLATE REPAIR KIT. ELEVATED CONDENSATE 4F. OUTLET. INSPECTED 8/7/12.	X
374	BOILER ROOM FUEL TANK ROOM UNIT HEATER NORTH OF TANK #6	3-B-1	1	F	14	3/4" SPRAXX FT-30	10M	UNIT HEATER	OK	STEAM TRAP OK. WHEN WORK, REPAIR STEAM TRAP WITH TUNSTALL #FFPSA-30 FACE PLATE REPAIR KIT. ELEVATED CONDENSATE 4F. NO VACUUM BREAKER WITH MODULATED CONTROL. SHOULD INSTALL TUNSTALL VB343 STEAM SERVICE VACUUM BREAKER AT COIL OUTLET. INSPECTED 8/7/12.	X
375	BOILER ROOM FUEL TANK ROOM O.E.M. DRP NORTH OF TANK #1	3-B-1	1	F	12	3/4" SPRAXX FT-15	10	STEAM MAIN DRP	OK	STEAM TRAP OK. WHEN WORK, REPAIR STEAM TRAP WITH TUNSTALL #FFPSA-15 FACE PLATE REPAIR KIT. ROUND VALVED-OFF. INSPECTED 8/7/12.	X
376	BOILER ROOM FUEL TANK ROOM UNIT HEATER SOUTH OF TANK #1	3-B-1	1	F	14	3/4" SPRAXX FT-125	10M	UNIT HEATER	OK	STEAM TRAP IS OK. WHEN WORK, REPAIR STEAM TRAP WITH TUNSTALL #FFPSA-125 FACE PLATE REPAIR KIT. ELEVATED CONDENSATE 4F. NO VACUUM BREAKER WITH MODULATED CONTROL. SHOULD INSTALL TUNSTALL VB343 STEAM SERVICE VACUUM BREAKER. INSPECTED 8/7/12.	X
377	GROUND LEVEL BOILER ROOM WATER HEATER #1 SUPPLY DRP	3-1-1	1	B	4	3/4" SPRAXX B1H-15	55	STEAM MAIN DRP	OK	STEAM TRAP IS OK. (NEW TRAP) WHEN WORK, REPAIR STEAM TRAP WITH SPRAXX #8004 REPAIR KIT. INSPECTED 8/8/12.	X
378	GROUND LEVEL BOILER ROOM WATER HEATER #1 HEAT EXCHANGER	3-1-1	1	O	3	2" OFFICE TRAP	15M	HEAT EXCHANGER	BT/LK	REPAIR OFFICE TRAP WITH TUNSTALL 2" T4KTB-15 FLOAT & THERMOSTATIC STEAM TRAP. 1/2" STEAM SERVICE VACUUM BREAKER LEAKS. REPLACE WITH TUNSTALL VB-1/2 STEAM SERVICE VACUUM BREAKER. INSPECTED 8/7/12.	X
379	HEAT EXCHANGER	3-1-1	1	O	3	2" OFFICE TRAP	15M	EXCHANGER	CO	STEAM TRAP OK. WHEN WORK, REPAIR STEAM TRAP WITH TUNSTALL #FFPSA-30 FACE PLATE REPAIR KIT. ELEVATED CONDENSATE 4F. NO VACUUM BREAKER WITH MODULATED CONTROL. SHOULD INSTALL TUNSTALL VB343 STEAM SERVICE VACUUM BREAKER. INSPECTED 8/7/12.	X
380	GROUND LEVEL BOILER ROOM WATER HEATER #2	3-1-1	1	D	4	REMOVED	55	STEAM MAIN DRP	CO	STEAM TRAP REMOVED. DISCONNECTED. INSPECTED 8/7/12.	X
381	GROUND LEVEL BOILER ROOM NORTH ABOVE BRAY PUMPS BY BOILER #1	3-1-1	1	B	14	3/4" SPRAXX B1H-125	0	STEAM MAIN DRP	OK	STEAM TRAP IS OK. WHEN WORK, REPAIR STEAM TRAP WITH SPRAXX #8004 REPAIR KIT. INSPECTED 8/7/12.	X
382	GROUND LEVEL BOILER ROOM #1 BOILER ATOMIZER	3-1-1	1	T	4	1/2" SPRAXX T-250 ANGLE	115	STEAM MAIN DRP	LK	REPAIR DEFECTIVE STEAM TRAP WITH NEW 1/2" SPRAXX B1H-125 OR 1/2" ARNSTONG #811-125 INVERTED BUCKET STEAM TRAP. WILL HAVE TO RE-PIPE FOR 1B. TRAP. INSPECTED 8/7/12.	X
383	GROUND LEVEL BOILER ROOM #2 BOILER ATOMIZER	3-1-1	1	D	4	1/2" NICHOLSON NTD800	115	STEAM MAIN DRP	CO	BUCKET STEAM TRAP. INSPECTED 8/7/12.	X
384	GROUND LEVEL BOILER ROOM #3 BOILER ATOMIZER	3-1-1	1	D	4	1/2" NICHOLSON NTD800	115	STEAM MAIN DRP	CO	BUCKET STEAM TRAP. 2 1/4" OF 6" BARE. 115 PSIG STEAM PIPE NEEDS INSULATION. ABOVE STEAM TRAP. INSPECTED 8/7/12.	X
385	GROUND LEVEL BOILER ROOM H.P. DRP MAIN BOILER THERMOMETER BEHIND BOILER #2	3-1-1	1	B	1	3/4" SPRAXX B1H-125	115	STEAM MAIN DRP	OK	STEAM TRAP IS OK. (NEW TRAP) WHEN WORK, REPAIR STEAM TRAP WITH SPRAXX #8004 REPAIR KIT. 4FT. OF 1/4" BARE. 115 PSIG STEAM PIPE NEEDS INSULATION (GENT. LEO) INSPECTED 8/7/12.	X
386	GROUND LEVEL BOILER ROOM BEHIND #2 BOILER THERMOMETER BEHIND BOILER #2	3-1-1	1	D	12	1/2" PROPOCENT THERMOCOPES HGG545	115	STEAM MAIN DRP	OK	STEAM TRAP IS OK. WHEN WORK, REPAIR STEAM TRAP WITH 1/2" SPRAXX B1H-125 OR 1/2" ARNSTONG #811-125 INVERTED BUCKET STEAM TRAP. INSPECTED 8/7/12.	X
387	GROUND LEVEL BOILER ROOM BEHIND #2 BOILER HEADER	3-1-1	1	D	9	TECHNOLOGIES TGE545	115	STEAM MAIN DRP	CO	STEAM TRAP IS COOLD. OUT OF SERVICE. IF REQUIRED, REPAIR STEAM TRAP WITH SPRAXX B1H-125 OR 3/4" ARNSTONG #811-125 INVERTED BUCKET STEAM TRAP. INSPECTED 8/7/12.	X
388	GROUND LEVEL BOILER ROOM NORTH EAST CORNER DRP	3-1-1	1	B	23	3/4" SPRAXX B1H-125	15	STEAM MAIN DRP	CO	STEAM TRAP IS COOLD. OUT OF SERVICE. (NEW TRAP). IF REQUIRED, REPAIR STEAM TRAP WITH SPRAXX #8004 REPAIR KIT. 6 FT. OF 3" BARE 115 PSIG STEAM PIPE NEEDS INSULATION AND (2) 3" 90 DEGREE ELBOWS. INSPECTED 8/7/12.	X
389	GROUND LEVEL BOILER ROOM NORTH EAST CORNER DRP	3-1-1	1	D	20	1/2" PROPOCENT THERMOCOPES HGG545	115	STEAM MAIN DRP	CO	BUCKET STEAM TRAP. INSPECTED 8/7/12.	X
390	GROUND LEVEL BOILER ROOM L.P. DRP	3-1-1	1	F	20	3/4" SPRAXX FT-15	15	STEAM MAIN DRP	CO	STEAM TRAP IS COOLD. OUT OF SERVICE. IF REQUIRED, REPAIR WITH TUNSTALL #FFPSA-15 FACE PLATE REPAIR KIT. INSPECTED 8/7/12.	X
391	GROUND LEVEL BOILER ROOM DRP NORTH EAST CORNER	3-1-1	1	B	22	3/4" SPRAXX B1H-125	50	STEAM MAIN DRP	OK	STEAM TRAP IS OK. (NEW TRAP) WHEN WORK, REPAIR STEAM TRAP WITH SPRAXX #8004 REPAIR KIT. INSPECTED 8/7/12.	X
392	2ND LEVEL BOILER ROOM DA TANK LEVEL. H.P. DRP DA TANK W. WALL	3-2-4	4	B	2	3/4" SPRAXX B1H-125	115	STEAM MAIN DRP	OK/LK	STEAM TRAP IS OK. (NEW TRAP) WHEN WORK, REPAIR STEAM TRAP WITH SPRAXX #8004 REPAIR KIT. 3/4" GATE VALVE BY-PASS LEAKS THROUGH. RE-PLACE WITH 3/4" STEAM SERVICE BALL VALVE. INSPECTED 8/7/12.	X
393	2ND LEVEL BOILER ROOM DA TANK LEVEL. L.P. DRP DA TANK W. WALL	3-2-4	4	B	2	3/4" SPRAXX B1H-125	5	STEAM MAIN DRP	OK/LK	STEAM TRAP IS OK. (NEW TRAP) WHEN WORK, REPAIR STEAM TRAP WITH SPRAXX #8004 REPAIR KIT. 3/4" GATE VALVE BY-PASS LEAKS THROUGH. RE-PLACE WITH 3/4" STEAM SERVICE BALL VALVE. INSPECTED 8/7/12.	X
394	2ND LEVEL BOILER ROOM DA TANK LEVEL. NORTH WALL. H.P. DRP NW CORNER	3-2-4	4	B	2	3/4" SPRAXX B1H-125	115	STEAM MAIN DRP	OK	STEAM TRAP IS OK. (NEW TRAP) WHEN WORK, REPAIR STEAM TRAP WITH SPRAXX #8004 REPAIR KIT. INSPECTED 8/7/12.	X
395	2ND LEVEL BOILER ROOM DA TANK LEVEL. NORTH WALL. L.P. DRP NW CORNER	3-2-4	4	B	2	3/4" SPRAXX B1H-125	5	STEAM MAIN DRP	CO	STEAM TRAP IS COOLD. OUT OF SERVICE. (NEW TRAP). IF REQUIRED, REPAIR STEAM TRAP WITH SPRAXX #8004 REPAIR KIT. INSPECTED 8/7/12.	X
396	BOILER ROOM 2ND LEVEL EAST END BOILER	3-2-4	4	B	16	3/4" SPRAXX B1H-125	115	STEAM MAIN DRP	OK	STEAM TRAP IS OK. (NEW TRAP) WHEN WORK, REPAIR STEAM TRAP WITH SPRAXX #8004 REPAIR KIT. INSPECTED 8/7/12.	X
397	BOILER ROOM 2ND LEVEL EAST END BOILER HEADER	3-2-4	4	B	16	3/4" SPRAXX B1H-125	115	STEAM MAIN DRP	CO	STEAM TRAP IS COOLD. OUT OF SERVICE. LOCATED IN PARALLEL TO TRAP #396. IF REQUIRED, REPAIR STEAM TRAP WITH SPRAXX #8004 REPAIR KIT. INSPECT STEAM TRAP ISOLATION VALVES. INSPECTED 8/7/12.	X
398	UPPER LEVEL BOILER ROOM AHU - WEST	-	6	F	1	2" SPRAXX FT-15	15	STEAM COIL	CO	STEAM TRAP IS COOLD. OUT OF SERVICE. IF REQUIRED, REPAIR STEAM TRAP WITH TUNSTALL #FFPSA-15, NO VACUUM BREAKER PRESENT. SHOULD INSTALL TUNSTALL VB-3/4 STEAM SERVICE VACUUM BREAKER. INSPECTED 8/7/12.	X
399	UPPER LEVEL BOILER ROOM AHU - EAST	-	6	F	1	2" SPRAXX FT-15	15	STEAM COIL	CO	STEAM TRAP IS COOLD. OUT OF SERVICE. IF REQUIRED, REPAIR STEAM TRAP WITH TUNSTALL #FFPSA-15, NO VACUUM BREAKER PRESENT. SHOULD INSTALL TUNSTALL VB-3/4 STEAM SERVICE VACUUM BREAKER. INSPECTED 8/7/12.	X
400	PAINT STORAGE AT BOILER ROOM ENTRANCE	-	6	F	9	3/4" SPRAXX FT-15	10	UNIT HEATER	CO	STEAM TRAP IS COOLD. OUT OF SERVICE. IF REQUIRED, REPAIR WITH TUNSTALL #FFPSA-15 FACE PLATE REPAIR KIT. INSPECTED 8/7/12.	X
401	LOADING DOCK UNIT HEATER (CARDOBOARD BALLS)	-	6	F	4	1" SPRAXX FT-30	10	UNIT HEATER	CO	CONDENSATE 6P. STEAM TRAP TO BE REMOVED (NEW CONSTRUCTION). INSPECTED 8/8/12.	X
402	LOADING DOCK OFFICE UNIT HEATER	-	6	F	12	1 1/4" SPRAXX FT-15	10	UNIT HEATER	CO	STEAM TRAP IS COOLD. OUT OF SERVICE. IF REQUIRED, REPAIR WITH TUNSTALL #FFPSA-15 FACE PLATE REPAIR KIT. INSPECTED 8/8/12.	X
403	LOADING DOCK OFFICE L.P. E.O.M. DRP	-	6	B	12	3/4" SPRAXX B1H-125	10	STEAM MAIN DRP	CO	(NEW STEAM TRAP) STEAM TRAP IS COOLD. OUT OF SERVICE. IF REQUIRED, REPAIR STEAM TRAP WITH SPRAXX #8004 REPAIR KIT. INSPECT STEAM TRAP ISOLATION VALVES. STEAM TRAP TO BE REMOVED (NEW CONSTRUCTION). INSPECTED 8/8/12.	X
406	WEST PEATHOUSE H.P. DRP ABOVE CONDENSATE PUMP	3-2-4	4	B	8	3/4" SPRAXX B1H-125	115	STEAM MAIN DRP	OK	STEAM TRAP IS OK. WHEN WORK, REPAIR STEAM TRAP WITH SPRAXX #8004 REPAIR KIT. NOTE: WEST PEATHOUSE. CHECK FLASH TANK PUMP. INSPECTED 8/8/12.	X
407	SUB BASEMENT COL. TT-5, HIGH PRESSURE DRP	3-SB-1	1	B	3	3/4" SPRAXX B12115-125	115	STEAM MAIN DRP	OK	STEAM TRAP OK. WHEN WORK, REPAIR STEAM TRAP WITH SPRAXX #8004 STEAM TRAP REPAIR KIT. NEW TAG. INSPECTED 7/24/12.	X
408	SUB BASEMENT COL. TT3015, HIGH PRESSURE	3-SB-1	1	D	2	3/4" SPRAXX TT352L	115	STEAM MAIN DRP	OK	STEAM TRAP OK. WHEN WORK, REPAIR STEAM TRAP WITH 3/4" SPRAXX B1H-125 OR 3/4" ARNSTONG #800-125 INVERTED BUCKET STEAM TRAP. NEW TAG. INSPECTED 7/24/12.	X
409	SUB BASEMENT EQUIP ROOM H2S LOW PRESSURE DRP	3-SB-4	4	F	2	3/4" HOFF FT019H3	15	STEAM MAIN DRP	LK	REPAIR DEFECTIVE STEAM TRAP WITH TUNSTALL BPHF-15 FACE PLATE REPAIR KIT (SLIGHT LEAKAGE). NEW TAG. INSPECTED 7/24/12.	X
410	SUB BASEMENT COL. C018 HIGH PRESSURE DRP	3-SB-1	1	B	3	3/4" SPRAXX B12115-125	115	STEAM MAIN DRP	OK	STEAM TRAP OK. WHEN WORK, REPAIR STEAM TRAP WITH SPRAXX #8004 STEAM TRAP REPAIR KIT. NEW TAG. INSPECTED 7/24/12.	X

COLUMN REFERENCE NOTES:

- ① FURNISH AND INSTALL AN ACOUSTIC WIRELESS STEAM TRAP MONITORING SENSOR PER SPECIFICATIONS.
- ② REPLACE OR REPAIR STEAM TRAP IN ACCORDANCE WITH DESCRIPTION IN REMARKS COLUMN.
- ③ REMOVE STEAM TRAP AND ALL ABANDONED CONDENSATE PIPING TO A POINT WHERE THE CONDENSATE LINE IS LIVE. CAP.
- ④ REPAIR STEAM/CONDENSATE LEAK IN ACCORDANCE WITH DESCRIPTION IN REMARKS COLUMN.
- ⑤ COOLD STEAM TRAPS. REPAIR THE VALVES, CONTROLS, ETC. AS DISSEMPERED IN THE REMARKS COLUMN. INVESTIGATE AND DETERMINE THE REASON FOR ANY OTHER NON-FUNCTIONING STEAM TRAP THAT WERE FOUND TO BE COOLD. FIX ALL ITEMS FOUND TO BE NEEDING REPAIR. (FOR PURPOSES OF THIS BID ASSUME THE CONTROL VALVES REQUIRE REPAIR OR REPLACEMENT.) DEDUCT ALTERNATE NO. 1.
- ⑥ REPLACE THE EXISTING COPPER PIPING WITH NEW STEEL PIPE AND REPLACE THE EXISTING DIELECTRIC UNIONS AND NIPPLES WITH EQUIVALENT STEES. SEE THE REMARKS COLUMN FOR REQUIRED WORK. SEE THE SPECIFICATIONS FOR THE REQUIRED MATERIALS AND FITTINGS. INSULATE ALL NEW & EXISTING BARE PIPE. DEDUCT ALTERNATE NO. 2.
- ⑦ FURNISH AND INSTALL NEW STEAM VACUUM BREAKERS IN ACCORDANCE WITH THE REMARKS COLUMN.

- ⑧ FURNISH AND INSTALL NEW V-STRAINERS BETWEEN SHUT-OFF VALVE AND INLET TO STEAM TRAP.
- ⑨ REPAIR ELEVATED CONDENSATE PIPING AT LOCATIONS NOTED. SEE DETAILS ON DRAWINGS (34TH-1 14021 14031 14041 14051)
- ⑩ NO WORK REQUIRED
- ⑪ NO WORK REQUIRED
- ⑫ NO WORK REQUIRED
- ⑬ MISCELLANEOUS

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STEAM TRAP MONITORING SYSTEM, INSULATION AND PIPING UPGRADES																								
STEAM TRAP TAG NO.	LOCATION	TRAP DRAWING LOCATION	AREA	TRAP TYPE	ELEV. AFF.	TRAP MODEL, MFG. & PIPE SIZE	P IN	EQUIPMENT SERVED	COND	REMARKS	NO WORK REQUIRED	TRAP MONITOR	TRAP REPAIR	REMOVE TRAP & PIPING	REPAIR STEAM/ CONDENSATE LEAK	COLD TRAP DUCT ALT NO. 1	REPLACE COPPER PIPE & JOINS ALT	SERVICE VACUUM BREAKERS	STRAINER	REPAIR ELEVATED PIPE	RELOCATE TRAPS TO OUTSIDE AREAS	REMOVABLE INSULATION JACKETS	HARD PIPE INSULATION	MISC.
371	BASEMENT NEXT TO SHELL SPACE LABORATORY #6-16 EQUIPMENT ROOM	3-B-1	1	B	11	3/4" SPRAXX FT-15	10	STEAM MAIN DRP	CO	STEAM TRAP IS OK. (NEW TRAP) WHEN WORK, REPAIR STEAM TRAP WITH SPRAXX #8004 REPAIR KIT. INSPECTED 8/7/12.	X													
372	BOILER ROOM FUEL TANK ROOM UNIT HEATER SOUTH OF TANK #2	3-B-1	1	F	14	3/4" SPRAXX FT-30	10M	UNIT HEATER	CP	STEAM TRAP IS COOLD. SHOULD BE HOT (NEW TRAP). INSPECT CONTROL VALVE. IF REQUIRED, REPAIR STEAM TRAP WITH TUNSTALL #FFPSA-30 FACE PLATE REPAIR KIT. ELEVATED CONDENSATE 4F. NO VACUUM BREAKER WITH MODULATED CONTROL. SHOULD INSTALL TUNSTALL VB343 STEAM SERVICE VACUUM BREAKER AT COIL OUTLET. INSPECTED 8/7/12.		X												
373	BOILER ROOM FUEL TANK ROOM UNIT HEATER NORTH OF TANK #2 N.E. CORNER	3-B-1	1	F	14	3/4" SPRAXX FT-30	10M	UNIT HEATER	OK	STEAM TRAP OK. WHEN WORK, REPAIR STEAM TRAP WITH TUNSTALL #FFPSA-30 FACE PLATE REPAIR KIT. ELEVATED CONDENSATE 4F. OUTLET. INSPECTED 8/7/12.														
374	BOILER ROOM FUEL TANK ROOM UNIT HEATER NORTH OF TANK #6	3-B-1	1	F	14	3/4" SPRAXX FT-30	10M	UNIT HEATER	OK	NO VACUUM BREAKER WITH MODULATED CONTROL. SHOULD INSTALL TUNSTALL VB343 STEAM SERVICE VACUUM BREAKER AT COIL OUTLET. INSPECTED 8/7/12.														
375	BOILER ROOM FUEL TANK ROOM O.E.M. DRP NORTH OF TANK #1	3-B-1	1	F	12	3/4" SPRAXX FT-15	10	STEAM MAIN DRP	OK	STEAM TRAP OK. WHEN WORK, REPAIR STEAM TRAP WITH TUNSTALL #FFPSA-15 FACE PLATE REPAIR KIT. ROUND VALVED-OFF. INSPECTED 8/7/12.	X													
376	BOILER ROOM FUEL TANK ROOM UNIT HEATER SOUTH OF TANK #1	3-B-1	1	F	14	3/4" SPRAXX FT-125	10M	UNIT HEATER	OK	STEAM TRAP IS OK. WHEN WORK, REPAIR STEAM TRAP WITH SPRAXX #8004 REPAIR KIT. INSPECTED 8/8/12.		X												
377	GROUND LEVEL BOILER ROOM WATER HEATER #1 SUPPLY DRP	3-1-1	1	B	4	3/4" SPRAXX B1H-15	55	STEAM MAIN DRP	OK	STEAM TRAP IS OK. (NEW TRAP) WHEN WORK, REPAIR STEAM TRAP WITH SPRAXX #8004 REPAIR KIT. INSPECTED 8/8/12.														
378	GROUND LEVEL BOILER ROOM WATER HEATER #1 HEAT EXCHANGER	3-1-1	1	O	3	2" OFFICE TRAP	15M	HEAT EXCHANGER	BT/LK	REPAIR OFFICE TRAP WITH TUNSTALL 2" T4KTB-15 FLOAT & THERMOSTATIC STEAM TRAP. 1/2" STEAM SERVICE VACUUM BREAKER LEAKS. REPLACE WITH TUNSTALL VB-1/2 STEAM SERVICE VACUUM BREAKER. INSPECTED 8/7/12.			X											
379	HEAT EXCHANGER	3-1-1	1	O	3	2" OFFICE TRAP	15M	EXCHANGER	CO	STEAM TRAP OK. WHEN WORK, REPAIR STEAM TRAP WITH TUNSTALL #FFPSA-30 FACE PLATE REPAIR KIT. ELEVATED CONDENSATE 4F. NO VACUUM BREAKER WITH MODULATED CONTROL. SHOULD INSTALL TUNSTALL VB343 STEAM SERVICE VACUUM BREAKER. INSPECTED 8/7/12.			X											
380	GROUND LEVEL BOILER ROOM WATER HEATER #2 SUPPLY DRP	3-1-1	1	D	4	REMOVED	55	STEAM MAIN DRP	CO	STEAM TRAP REMOVED. DISCONNECTED. INSPECTED 8/7/12.	X													
381	GROUND LEVEL BOILER ROOM NORTH ABOVE BRAY PUMPS BY BOILER #1	3-1-1	1	B	14	3/4" SPRAXX B1H-125	0	STEAM MAIN DRP	OK	STEAM TRAP IS OK. WHEN WORK, REPAIR STEAM TRAP WITH SPRAXX #8004 REPAIR KIT. INSPECTED 8/7/12.		X												
382	GROUND LEVEL BOILER ROOM #1 BOILER ATOMIZER	3-1-1	1	T	4	1/2" SPRAXX T-250 ANGLE	115	STEAM MAIN DRP	LK	REPLACE DEFECTIVE STEAM TRAP WITH NEW 1/2" SPRAXX B1H-125 OR 1/2" ARNSTONG #811-125 INVERTED BUCKET STEAM TRAP. WILL HAVE TO RE-PIPE FOR 1B. TRAP. INSPECTED 8/7/12.			X											
383	GROUND LEVEL BOILER ROOM #2 BOILER ATOMIZER	3-1-1	1	D	4	1/2" NICHOLSON NTD800	115	STEAM MAIN DRP	CO	BUCKET STEAM TRAP. INSPECTED 8/7/12.			X											
384	GROUND LEVEL BOILER ROOM #3 BOILER ATOMIZER	3-1-1	1	D	4	1/2" NICHOLSON NTD800	115	STEAM MAIN DRP	CO	STEAM TRAP IS COOLD. OUT OF SERVICE. IF REQUIRED, REPLACE WITH NEW 1/2" SPRAXX B1H-125 OR 1/2" TUNSTALL #811-125 INVERTED BUCKET STEAM TRAP. 2 1/4" OF 6" BARE. 115 PSIG STEAM PIPE NEEDS INSULATION. ABOVE STEAM TRAP. INSPECTED 8/7/12.			X											
385	GROUND LEVEL BOILER ROOM H.P. DRP MAIN BOILER HEADERS BEHIND BOILER #2	3-1-1	1	B	1	3/4" SPRAXX B1H-125	115	STEAM MAIN DRP	OK	STEAM TRAP IS OK. (NEW TRAP) WHEN WORK, REPAIR STEAM TRAP WITH SPRAXX #8004 REPAIR KIT. 4FT. OF 1/4" BARE. 115 PSIG STEAM PIPE NEEDS INSULATION (GENT. LEO) INSPECTED 8/7/12.		X												
386	GROUND LEVEL BOILER ROOM BEHIND #2 BOILER HEADER	3-1-1	1	D	12	1/2" PROPOCENT TECHNOLOGIES HGG545	115	STEAM MAIN DRP	OK	STEAM TRAP IS OK. WHEN WORK, REPAIR STEAM TRAP WITH 1/2" SPRAXX B1H-125 OR 1/2" ARNSTONG #811-125 INVERTED BUCKET STEAM TRAP. INSPECTED 8/7/12.		X												
387	GROUND LEVEL BOILER ROOM BEHIND #2 BOILER HEADER	3-1-1	1	D	9	TECHNOLOGIES TGE545	115	STEAM MAIN DRP	CO	STEAM TRAP IS COOLD. OUT OF SERVICE. POSSIBLY NOT USED. IF REQUIRED, REPAIR STEAM TRAP WITH 3/4" SPRAXX B1H-125 OR 3/4" ARNSTONG #811-125 INVERTED BUCKET STEAM TRAP. INSPECTED 8/7/12.		X												
388	GROUND LEVEL BOILER ROOM NORTH EAST CORNER DRP	3-1-1	1	B	23	3/4" SPRAXX B1H-125	15	STEAM MAIN DRP	CO	STEAM TRAP IS COOLD. OUT OF SERVICE. (NEW TRAP). IF REQUIRED, REPAIR STEAM TRAP WITH SPRAXX #8004 REPAIR KIT. 6 FT. OF 3" BARE 115 PSIG STEAM PIPE NEEDS INSULATION AND (2) 3" 90 DEGREE ELBOWS. INSPECTED 8/7/12.		X	X									X		
389	GROUND LEVEL BOILER ROOM NORTH EAST CORNER DRP	3-1-1	1	D	20	1/2" PROPOCENT TECHNOLOGIES HGG545	115	STEAM MAIN DRP	CO	BUCKET STEAM TRAP. INSPECTED 8/7/12.		X	X											
390	GROUND LEVEL BOILER ROOM L.P. DRP	3-1-1	1	F	20	3/4" SPRAXX FT-15	15	STEAM MAIN DRP	CO	STEAM TRAP IS COOLD. OUT OF SERVICE. IF REQUIRED, REPAIR WITH TUNSTALL #FFPSA-15 FACE PLATE REPAIR KIT. INSPECTED 8/7/12.		X				X								
391	GROUND LEVEL BOILER ROOM DRP NORTH EAST CORNER	3-1-1	1	B	22	3/4" SPRAXX B1H-125	50	STEAM MAIN DRP	OK	STEAM TRAP IS OK. (NEW TRAP) WHEN WORK, REPAIR STEAM TRAP WITH SPRAXX #8004 REPAIR KIT. INSPECTED 8/7/12.		X												
392	2ND LEVEL BOILER ROOM DA TANK LEVEL. H.P. DRP DA TANK W. WALL	3-2-4	4	B	2	3/4" SPRAXX B1H-125	115	STEAM MAIN DRP	OK/LK	STEAM TRAP IS OK. (NEW TRAP) WHEN WORK, REPAIR STEAM TRAP WITH SPRAXX #8004 REPAIR KIT. 3/4" GATE VALVE BY-PASS LEAKS THROUGH. RE-PLACE WITH 3/4" STEAM SERVICE BALL VALVE. INSPECTED 8/7/12.		X									X			
393	2ND LEVEL BOILER ROOM DA TANK LEVEL. L.P. DRP DA TANK W. WALL	3-2-4	4	B	2	3/4" SPRAXX B1H-125	5	STEAM MAIN DRP	OK/LK	STEAM TRAP IS OK. (NEW TRAP) WHEN WORK, REPAIR STEAM TRAP WITH SPRAXX #8004 REPAIR KIT. 3/4" GATE VALVE BY-PASS LEAKS THROUGH. RE-PLACE WITH 3/4" STEAM SERVICE BALL VALVE. INSPECTED 8/7/12.		X									X			
394	2ND LEVEL BOILER ROOM DA TANK LEVEL. NORTH WALL. H.P. DRP NW CORNER	3-2-4	4	B	2	3/4" SPRAXX B1H-125	115	STEAM MAIN DRP	OK	STEAM TRAP IS OK. (NEW TRAP) WHEN WORK, REPAIR STEAM TRAP WITH SPRAXX #8004 REPAIR KIT. INSPECTED 8/7/12.		X									X			
395	2ND LEVEL BOILER ROOM DA TANK LEVEL. NORTH WALL. L.P. DRP NW CORNER	3-2-4	4	B	2	3/4" SPRAXX B1H-125	5	STEAM MAIN DRP	CO	STEAM TRAP IS COOLD. OUT OF SERVICE. (NEW TRAP). IF REQUIRED, REPAIR STEAM TRAP WITH SPRAXX #8004 REPAIR KIT. INSPECTED 8/7/12.		X									X			
396	BOILER ROOM 2ND LEVEL EAST END BOILER HEADER	3-2-4	4	B	16	3/4" SPRAXX B1H-125	115	STEAM MAIN DRP	OK	STEAM TRAP IS OK. (NEW TRAP) WHEN WORK, REPAIR STEAM TRAP WITH SPRAXX #8004 REPAIR KIT. INSPECTED 8/7/12.		X												
397	BOILER ROOM 2ND LEVEL EAST END BOILER HEADER	3-2-4	4	B	16	3/4" SPRAXX B1H-125	115	STEAM MAIN DRP	CO	STEAM TRAP IS COOLD. OUT OF SERVICE. (NEW TRAP). IF REQUIRED, REPAIR STEAM TRAP WITH SPRAXX #8004 REPAIR KIT. INSPECTED 8/7/12.		X	X											
398	UPPER LEVEL BOILER ROOM AHU - WEST	-	6	F	1	2" SPRAXX FT-15	15	STEAM COIL	CO	STEAM TRAP IS COOLD. OUT OF SERVICE. IF REQUIRED, REPAIR STEAM TRAP WITH TUNSTALL #FFPSA-15 FACE PLATE REPAIR KIT. INSPECTED 8/7/12.														
399	UPPER LEVEL BOILER ROOM AHU - EAST	-	6	F	1	2" SPRAXX FT-15	15	STEAM COIL	CO	STEAM TRAP IS COOLD. OUT OF SERVICE. IF REQUIRED, REPAIR WITH TUNSTALL #FFPSA-15 FACE PLATE REPAIR KIT. INSPECTED 8/7/12.														
400	PLANT STORAGE AT BOILER ROOM ENTRANCE	-	6	F	9	3/4" SPRAXX FT-15	10	UNIT HEATER	CO	STEAM TRAP IS COOLD. OUT OF SERVICE. IF REQUIRED, REPAIR WITH TUNSTALL #FFPSA-15 FACE PLATE REPAIR KIT. INSPECTED 8/7/12.			X											
401	LOADING DOCK UNIT HEATER (CARBOARD BAYS)	-	6	F	4	1" SPRAXX T-50	10	UNIT HEATER	CO	STEAM TRAP IS COOLD. OUT OF SERVICE. IF REQUIRED, REPAIR WITH TUNSTALL #FFPSA-15 FACE PLATE REPAIR KIT. ELEVATED CONDENSATE 4F. STEAM TRAP TO BE REMOVED (NEW CONSTRUCTION). INSPECTED 8/8/12.	X													
402	LOADING DOCK OFFICE UNIT HEATER	-	6	F	12	1 1/4" SPRAXX FT-15	10	UNIT HEATER	CO	STEAM TRAP IS COOLD. OUT OF SERVICE. IF REQUIRED, REPAIR STEAM TRAP WITH TUNSTALL #FFPSA-15 FACE PLATE REPAIR KIT. ELEVATED CONDENSATE 4F. STEAM TRAP TO BE REMOVED (NEW CONSTRUCTION). INSPECTED 8/8/12.	X													
403	LOADING DOCK OFFICE L.P. E.O.M. DRP	-	6	B	12	3/4" SPRAXX B1H-125	10	STEAM MAIN DRP	CO	(NEW STEAM TRAP) STEAM TRAP IS COOLD. OUT OF SERVICE. IF REQUIRED, REPAIR STEAM TRAP WITH SPRAXX #8004 REPAIR KIT. INSPECT STEAM TRAP ISOLATION VALVES. STEAM TRAP TO BE REMOVED (NEW CONSTRUCTION). INSPECTED 8/8/12. INSPECTED 8/7/12.	X													
406	WEST PEATHOUSE H.P. DRP ABOVE CONDENSATE TANK	3-2-4	4	B	8	3/4" SPRAXX B1H-125	115	STEAM MAIN DRP	OK	STEAM TRAP IS OK. WHEN WORK, REPAIR STEAM TRAP WITH SPRAXX #8004 REPAIR KIT. NOTE: WEST PEATHOUSE CHECK FLASH TANK PIPING. INSPECTED 8/7/12.		X										X		
407	SUB BASEMENT COIL. T15. HIGH PRESSURE DRP	3-SB-1	1	B	3	3/4" SPRAXX B121H-125	115	STEAM MAIN DRP	OK	STEAM TRAP OK. WHEN WORK, REPAIR STEAM TRAP WITH SPRAXX #8004 STEAM TRAP REPAIR KIT. NEW TAG. INSPECTED 7/24/12.		X												
408	SUB BASEMENT COIL. T130 T5. HIGH PRESSURE DRP	3-SB-1	1	D	2	3/4" SPRAXX TDS2	115	STEAM MAIN DRP	OK	STEAM TRAP OK. WHEN WORK, REPAIR STEAM TRAP WITH 3/4" SPRAXX B1H-125 OR 3/4" ARNSTONG #800-125 INVERTED BUCKET STEAM TRAP. NEW TAG. INSPECTED 7/24/12.		X												
409	SUB BASEMENT EQUIP ROOM #29. LOW PRESSURE DRP	3-SB-4	4	F	2	3/4" HOFF FT019H3	15	STEAM MAIN DRP	LK	REPAIR DEFECTIVE STEAM TRAP WITH TUNSTALL #FFPSA-15 FACE PLATE REPAIR KIT (SLIGHT LEAKAGE). NEW TAG. INSPECTED 7/24/12.			X											
410	SUB BASEMENT COIL. Q18 HIGH PRESSURE DRP	3-SB-1	1	B	3	3/4" SPRAXX B121H-125	115	STEAM MAIN DRP	OK	STEAM TRAP OK. WHEN WORK, REPAIR STEAM TRAP WITH SPRAXX #8004 STEAM TRAP REPAIR KIT. NEW TAG. INSPECTED 7/24/12.		X										X		

0 1 2 3 4 5 6 7 8 9 10

one eighth inch = one foot

0 1 2 3 4 5 6 7 8 9 10

one quarter inch = one foot

0 1 2 3 4 5 6 7 8 9 10

three eighths inch = one foot

0 1 2 3 4 5 6 7 8 9 10

one half inch = one foot

0 1 2 3 4 5 6 7 8 9 10

three quarters inch = one foot

0 1 2 3 4 5 6 7 8 9 10

one inch = one foot

0 1 2 3 4 5 6 7 8 9 10

one and one half inches = one foot

0 1 2 3 4 5 6 7 8 9 10

three inches = one foot

1

2

3

4

5

6

7

8

9

10

CONSULTANTS:

ISSUED FOR REBID

05-23-13

95% SUBMISSION

11-30-12

65% SUBMISSION

11-16-12

Revisions

1

2

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4

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6

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FREDRICK, FREDRICK & HELLER

ENGINEERS, INC.

872 EAST NOTATION ROAD

BRIDGEVIEW, IL 60417

TEL: (404) 546-8888

FAX: (404) 546-8888

STATE OF OHIO

SEAL

BRIDGEVIEW, OHIO 44138

REGISTERED PROFESSIONAL ENGINEER

NO. 66623

EXPIRATION DATE 12/31/2018

ARCHITECT:

Drawing Title

STEAM TRAP AND WORK SCHEDULE

TRAPS 371-410

Approved Project Director

Location

VAMC - WADE PARK

Date

12-21-12

Checked

WFW

Drawn

JWF

Project Number

541-12-115

Building Number

1

Drawing Number

2-10

Office of Facilities Management

DePaul Medical

Veterans Affairs